

Weekly Metrics for September 22 - 28, 2002

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements *	Actual (GB)	Footnote
Aqua (5/02)	AIRS	L0 Ingest	GSFC	98	1X Baseline	89	A
		L1 Prod	GSFC	400	1X Baseline	384	A
		Archive	GSFC	498	1X Baseline	483	A
	AMSR-E	L0 Ingest	NSIDC	10	1X Baseline	6	B
		L1 Ingest	NSIDC	10	1X Baseline	8	B, C
		L2-L3 Prod	GHRC	12	0.5X Baseline	22	C
		Archive	NSIDC	32	Baseline	36	C
	CERES	Archive	LaRC	58	Baseline	Included	See Footnote S
		Distribution <i>Testing/QA End Users</i>	LaRC	1,421 107	IT Requirements 1X Baseline	In Terra CERES	
	MODIS	L0 Ingest	GSFC	469	1X Baseline	618	V
		L1 Prod	GSFC	2,498	1X Baseline	1,864	
		L2-L4 Prod	MODAPS	801	0.5X Baseline	889	R
		Archive	EDC	540	Baseline	298	
		Distribution <i>Testing/QA SIPS Production</i>	GSFC	3,172	Baseline	3,401	R
			NSIDC GSFC	56 362	Baseline IT Requirements	15 347 749	
METEOR 3M (12/01)	SAGE III	Archive	LaRC	0.8	1X Baseline	0	U
ACRIMSAT (12/99)	ACRIM 3	Archive	LaRC	0.06	1X Baseline	0	D
Terra (12/99)	ASTER	L1A Ingest	EDC	680	1X Baseline	346	E
		L1B Ingest	EDC	271	1X Baseline	104	E
		L2-L3 Prod	EDC	1,203	3X Baseline	170	E
		Archive	EDC	2,154	Baseline	648	E
		Distribution <i>End Users</i>	EDC	1,352	1X Baseline	2,569	G, M, N, O, P
	CERES	Archive	LaRC	351	Baseline	367	S
		Distribution <i>Testing/QA End Users</i>	LaRC	1,421 117	IT Requirements 1X Baseline	12 2	S G, M, N, O, T
		MISR	LaRC	249	1X Baseline	267	F
			LaRC	3,323	3X Baseline	4,855	
			LaRC	281	3X Baseline	270	F
			LaRC	3,853	Baseline	5,406	
			LaRC	1,201	1X Baseline	86	G, M, N, O
	MODIS	L0 Ingest	GSFC	469	1X Baseline	590	H, Q H, I, Q I, Q
		L1 Prod	GSFC	7,494	3X Baseline	10,534	
		L2-L4 Prod	MODAPS	14,254	3X Baseline	12,021	
		Archive	EDC	8,606	Baseline (L2-L4)	1,561	
		Distribution <i>End Users Testing/QA SIPS Production End users Distribution</i>	GSFC	12,772	Baseline (L0-L4)	23,175	
			JPL	0	Baseline (L2-3)	154	H, I, Q
			NSIDC	839	Baseline (L2-L3)	34	
			EDC	2,869	1X Baseline	462	G, M, N, O
			GSFC	362	IT Requirements	506	
			JPL	4,101	1X Baseline	7,000 1,445	

		<i>End Users</i> Distribution <i>End Users</i>	NSIDC	0 280	Baseline 1X Baseline	0.3 73	G, M, N
	MOPITT	L0 Ingest L1 Prod L2 Prod Archive Distribution <i>End Users</i>	LaRC SIPS SIPS LaRC LaRC	1.9 1.7 1.7 5.3 1	1X Baseline 3X Baseline 3X Baseline Baseline 1X Baseline	2 0.8 4.4 7.8 4	J J J G, M, N, O
Landsat-7 (4/99)	ETM+	Archive Distribution	EDC EDC	1,071 58	250 Scenes ECS ICD	952 176	T
Jason-1 (12/01)	Poseidon 2	Archive (L0+) Distribution	JPL JPL	NA	NA	2 12	
QuikScat (6/99)	SeaWinds	Archive (L0+) Distribution	JPL JPL	109	Weekly Average	22 928	K
TOPEX (8/92)	Poseidon	Archive (L1+) Distribution	JPL JPL	24	Weekly Average	0 90	K
Other Missions	AVHRR	Archive (L2+) Distribution	JPL JPL	NA	NA	81 128	L

Notes:

- A. Includes data volumes for 3 instruments (AIRS, AMSU, and HSB).
 - B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
 - C. The AMSR-E SIPS began receiving continuous data flow from NASDA on 9/3 and expects to receive continuous data for one month (through September). In mid-November, NASDA is scheduled to resume data transmission and continue to for the life of the instrument. Public release of the data products is set for May 2003.
 - D. ACRIM instrument is not functioning properly.
 - E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. Total archive volume includes 3.6 GB of L0 data.
 - F. Includes reprocessed L1 data volumes for April/May 2002.
 - G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
 - H. Little reprocessing was done except for ocean products, as planned by MODIS science team. Reprocessing of the ocean products will be continued until October 2002.
 - I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
 - J. Reprocessing was primarily focused on L2 production. Reprocessed data include MOPITT L2 products for December 2000 and February/March 2001.
 - K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
 - L. Includes distribution of educational materials in addition to AVHRR SST.
 - M. Does not include distribution by subscription.
 - N. Does not include distribution by subsetting tool.
 - O. Does not include distribution by data pool.
 - P. Orders have decreased sharply with the advent of charging for low-level ASTER data, but distribution remains up as the free data backlog is being worked off.
 - Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
 - R. Ingest/archival of MODIS L2+ products is dependent on MODAPS processing schedule.
 - S. Represents a total for 3 missions (TRMM, Terra, and Aqua).
 - T. Landsat 7 program changed global coverage and a lower number of scenes were captured by the satellite.
 - U. SAGE III data is not transmitted to LaRC DAAC daily.
 - V. Due to the unavailability of required ancillary (ozone) data, L1 production was held.
- * Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline). The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).